

Abstract of the Invention

The subject of this invention is a preparation and a method for producing transfersomes wherein at least two components differ from each other in their solubility in a suspension medium by a factor of at least 10 and wherein the content, is less than 0.1 mole percent based on the content for which a solubilization point of the droplets is reached or the amphiphilic components are selected so that, independently of the concentration, there is no solubilization point.

Key for Figures

1. Resistance to Permeation
2. Solubilization
3. Solubilization Point
4. Concentration of the Polar Substance (%)
5. Permeation Measurements with 1% Ibuprofen Transfersomes and 1% SPC
6. Permeation Capability
7. Pressure
8. 10% Solution
9. Turbidity Measurement by Eye of Diclofenac-Containing Transfersomes with Different Ratios of Lipid to Detergent
10. Ratio of Lipid (SPC) to Detergent (Diclofenac)
11. Turbidity
12. 1 Measurement
13. Average of two measurements in each case
14. Amount of Ibuprofen (mg/ml)
15. The particle size is determined by dynamic light scattering
16. Transfersomes with Ibuprofen; Total Lipid Concentration
17. Average Radius (nm)
18. Before Permeation Measurement
19. After Permeation Measurement
20. Permeability
21. Pressure Constant